LIST OF REFERENCES CITED BY APPLICANT

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APPLICATION NO. 09/084,471

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May 22, 1998

Patricia D. MURPHY, et al.

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U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS		IG DATE ROPRIATE		
32		4,458,066	7/1984	Caruthers et al.	536	27				
		5,445,934	8/1995	Fodor et al.	435	6				
		5,510,270	4/1996	Fodor et al.	436	518				
		5,547,839	8/1996	Dower et al.	435	6				
		5,593,840	1/1997	Bhatnagar et al.	435	6				
			FORE	EIGN PATENT DOCUMENTS	- 4	<u> </u>	·			
		COUNTRY		CLASS	SUBCLASS	TRANSLATION				
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	ļ	1		·	ļ					
		OTHER RE	FERENCES (//	ncluding Author, Title, Date, Pertinent Pages, Etc.)						
	·	1								
SZ	1			H., "Deoxynucleoside Phosphoramidites – A tide Synthesis," <i>Tetrahedron Letter</i> s <u>22</u> :185						
		Bertwistle, D. and Ash & Development 8:14-2		unctions of the BRCA1 and BRCA2 genes,"	Current	Opinion in	Gene	tics		
	2	Conner et al., "Detection of sickle cell β^s -globin allele by hybridization with synthetic oligonucleotides," <i>Proc. Natl. Acad. Sci. USA</i> 80:278-282 (1983)								
		Couch et al., "BRCA2 germline mutations in male breast cancer cases and breast cancer families," Nature Genetics 13:123-125 (1996)								
	Crooke, S., "Therapeutic Applications of Oligonucleotides," <i>Annu. Rev. Pharmac</i> (1992)					col. Toxicol. <u>32</u> :329-376				
		Friend et al., Breast ca	ıncer informa	tion on the web, Nature Genetics 11:238-23	9 (1995))	*			
		Holt et al., "Growth retardation and tumour inhibition by BRCA1," Nature Genetics 12:298-302 (1996)								
		Jensen et al., "Characterization of Baculovirus-Expressed Human α and ß Platelet-Derived Growth Factor Receptors," <i>Biochemistry</i> 31:10887-10892 (1992)								
		Jensen et al., "BRCA1 is secreted and exhibits properties of a granin," Nature Genetics 12:303-308 (1996)								
		Katagiri et al., "Multiple Chromosomes & Cano		es of BRCA2 Interacting With DNA Repair 2 (1998)	Protein F	RAD51," G	enes,			

Landegren et al., "A Ligase-Mediated Gene Detection Technique," Science 241:1077-1021 (1988) Miki et al., "A Strong Candidate for the Breast and Ovarian Cancer Susceptibility Gene BRCA1," Science 266:66-71 (1994) Phelan et al., "Mutation analysis of the BRCA2 gene in 49 site-specific breast cancer families," Nature Genetics 13:120-122 (1996) Robinson-Benion, C. and Holt, J., "[23] Antisense Techniques," Methods in Enzymology 254:363-375 (1 Rowell et al., "Invited Editorial: Inherited Predisposition to Breast and Ovarian Cancer," Am. J. Hum. Genetics 13:46-865 (1994) Saiki et al., "A Novel Method for the Detection of Polymorphic Restriction Sites by Cleavage of Oligonucleotide Probes: Application to Sickle-Cell Ahemia," Bio/Technology 3:1008-1012 (1985) Schubert et al., "BRCA2 in American Families With Four or More Cases of Breast or Ovarian Cancer: Recurrent and Novel Mutations, Variable Expression, Penetrance, and the Possibility of Families Whose Cancer is Not Attributable to BRCA1 or BRCA2," Am. J. Hum. Genet. 69:1031-1040 (1997) Tavtigian et al., "Embryonic lethality and radiation hypersensitivity mediated by Rad51 in mice lacking BRCA2," Nature 388:304-810 (1997) Tavtigian et al., "The complete BRCA2 gene and mutations in chromosome 13q-linked kindreds," Nature Genetics 12:333-337 (1996) Teng et al., "Low incidence of BRCA2 mutations in breast carcinoma and other cancers," Nature Genetics 9:444-449 (1995) Wooster et al., "Decreased expression of BRCA1 accelerates growth and is often present during sponsores transported and the prossibility gene BRCA2," Nature 378:789-792 (1994) Wooster et al., "Localization of a Breast Cancer susceptibility Gene, BRCA2, to Chromosome 13q12-13 Science 265:2088-2090 (1994) Zhang et al., "BRCA1, BRCA2, and DNA Damage Response: Collision or Collusion?," Cell 92:433-436 (1998)	- de							
Miki et al., "A Strong Candidate for the Breast and Ovarian Cancer Susceptibility Gene BRCA1," Science 266:66-71 (1994) Phelan et al., "Mutation analysis of the BRCA2 gene in 49 site-specific breast cancer families," Nature Genetics 13:120-122 (1996) Robinson-Benion, C. and Holt, J., "[23] Antisense Techniques," Methods in Enzymology 254:363-375 (1 Rowell et al., "Invited Editorial: Inherited Predisposition to Breast and Ovarian Cancer," Am. J. Hum. Genetics 16:361-865 (1994) Saiki et al., "A Novel Method for the Detection of Polymorphic Restriction Sites by Cleavage of Oligonucleotide Probes: Application to Sickle-Cell Ahemia," Bio/Technology 3:1008-1012 (1985) Schubert et al., "BRCA2 in American Families With Four or More Cases of Breast or Ovarian Cancer: Recurrent and Novel Mutations, Variable Expression, Penetrance, and the Possibility of Families Whose Cancer is Not Attributable to BRCA1 or BRCA2," Am. J. Hum. Genet. 60:1031-1040 (1997) Sharan et al., "Embryonic lethality and radiation hypersensitivity mediated by Rad51 in mice lacking BRCA2," Nature 386:804-810 (1997) Tavitgian et al., "The complete BRCA2 gene and mutations in chromosome 13q-linked kindreds," Nature Genetics 12:333-337 (1996) Teng et al., "Low incidence of BRCA2 mutations in breast carcinoma and other cancers," Nature Genetics 13:241-244 (1996) Thompson et al., "Decreased expression of BRCA1 accelerates growth and is often present during spon breast cancer progression," Nature Genetics 9:444-449 (1995) Wooster et al., "Identification of the breast cancer susceptibility Gene, BRCA2, to Chromosome 13q12-13 Science 265:2088-2090 (1994) Zhang et al., "BRCA1, BRCA2, and DNA Damage Response: Collision or Collusion?," Cell 92:433-436 (1998)	5,2		Landegren et al., "DNA Diagnostics – Molecular Techniques and Automation," Science 242:229-237 (1988)					
Phelan et al., "Mutation analysis of the BRCA2 gene in 49 site-specific breast cancer families," Nature Genetics 13:120-122 (1996) Robinson-Benion, C. and Holt, J., "[23] Antisense Techniques," Methods in Enzymology 254:363-375 (1 Rowell et al., "Invited Editorial: Inherited Predisposition to Breast and Ovarian Cancer," Am. J. Hum. Genetics 65:861-865 (1994) Saiki et al., "A Novel Method for the Detection of Polymorphic Restriction Sites by Cleavage of Oligonucleotide Probes: Application to Sickle-Cell Ahemia," Bio/Technology 3:1008-1012 (1985) Schubert et al., "BRCA2 in American Families With Four or More Cases of Breast or Ovarian Cancer: Recurrent and Novel Mutations, Variable Expression, Penetrance, and the Possibility of Families Whose Cancer is Not Attributable to BRCA1 or BRCA2," Am. J. Hum. Genet. 60:1031-1040 (1997) Sharan et al., "Embryonic lethality and radiation hypersensitivity mediated by Rad51 in mice lacking BRCA2," Nature 386:804-810 (1997) Tavtigian et al., "The complete BRCA2 gene and mutations in chromosome 13q-linked kindreds," Nature Genetics 12:333-337 (1996) Teng et al., "Low incidence of BRCA2 mutations in breast carcinoma and other cancers," Nature Genetics 13:241-244 (1996) Thompson et al., "Decreased expression of BRCA1 accelerates growth and is often present during sport breast cancer progression," Nature Genetics 9:444-449 (1995) Wooster et al., "Localization of the breast cancer susceptibility Gene, BRCA2, Nature 378:789-792 (1994) Zhang et al., "BRCA1, BRCA2, and DNA Damage Response: Collision or Collusion?," Cell 92:433-436 (1998)		=	Landegren et al., "A Ligase-Mediated Gene Detection Technique," Science 241:1077-1021 (1988)					
Robinson-Benion, C. and Holt, J., "[23] Antisense Techniques," Methods in Enzymology 254;363-375 (1 Robinson-Benion, C. and Holt, J., "[23] Antisense Techniques," Methods in Enzymology 254;363-375 (1 Rowell et al., "Invited Editorial: Inherited Predisposition to Breast and Ovarian Cancer," Am. J. Hum. Get. 55:861-865 (1994) Saiki et al., "A Novel Method for the Delection of Polymorphic Restriction Sites by Cleavage of Oligonucleotide Probes: Application to Sickle-Cell Afhemia," Bio/Technology 3:1008-1012 (1985) Schubert et al., "BRCA2 in American Families With Four or More Cases of Breast or Ovarian Cancer: Recurrent and Novel Mutations, Variable Expression, Penetrance, and the Possibility of Families Whose Cancer is Not Attributable to BRCA1 or BRCA2," Am. J. Hum. Genet. 60:1031-1040 (1997) Sharan et al., "Embryonic lethality and radiation hypersensitivity mediated by Rad51 in mice lacking BRCA2," Nature 386:804-810 (1997) Tavtigian et al., "The complete BRCA2 gene and mutations in chromosome 13q-linked kindreds," Nature Genetics 12:333-337 (1996) Teng et al., "Low incidence of BRCA2 mutations in breast carcinoma and other cancers," Nature Genetics 13:241-244 (1996) Thompson et al., "Decreased expression of BRCA1 accelerates growth and is often present during sport breast cancer progression," Nature Genetics 9:444-449 (1995) Wooster et al., "Identification of the breast cancer susceptibility gene BRCA2," Nature 378:789-792 (1994) Wooster et al., "Localization of a Breast Cancer Susceptibility Gene, BRCA2, to Chromosome 13q12-13 Science 265:2088-2090 (1994) Zhang et al., "BRCA1, BRCA2, and DNA Damage Response: Collision or Collusion?," Cell 92:433-436 (1998)	(PE		Miki et al., "A Strong Candidate for the Breast and Ovarian Cancer Susceptibility Gene BRCA1," Science 266:66-71 (1994)					
Robinson-Benion, C. and Holt, J., "[23] Antisense Techniques," Methods in Enzymology 254:363-375 (1 Rowell et al., "Invited Editorial: Inherited Predisposition to Breast and Ovarian Cancer," Am. J. Hum. Gen. 55:861-865 (1994) Saiki et al., "A Novel Method for the Detection of Polymorphic Restriction Sites by Cleavage of Oligonucleotide Probes: Application to Sickle-Cell Ahemia," Bio/Technology 3:1008-1012 (1985) Schubert et al., "BRCA2 in American Families With Four or More Cases of Breast or Ovarian Cancer: Recurrent and Novel Mutations, Variable Expression, Penetrance, and the Possibility of Families Whose Cancer is Not Attributable to BRCA1 or BRCA2," Am. J. Hum. Genet. 60:1031-1040 (1997) Sharan et al., "Embryonic lethality and radiation hypersensitivity mediated by Rad51 in mice lacking BRCA2," Nature 386:804-810 (1997) Tavtigian et al., "The complete BRCA2 gene and mutations in chromosome 13q-linked kindreds," Nature Genetics 12:333-337 (1996) Teng et al., "Low incidence of BRCA2 mutations in breast carcinoma and other cancers," Nature Genetic 13:241-244 (1996) Thompson et al., "Decreased expression of BRCA1 accelerates growth and is often present during sport breast cancer progression," Nature Genetics 9:444-449 (1995) Wooster et al., "Identification of the breast cancer susceptibility gene BRCA2," Nature 378:789-792 (199) Wooster et al., "Localization of a Breast Cancer Susceptibility Gene, BRCA2, to Chromosome 13q12-13 Science 265:2088-2090 (1994) Zhang et al., "BRCA1, BRCA2, and DNA Damage Response: Collision or Collusion?," Cell 92:433-436 (1998)	1019	188 5 F	Phelan et al., "Mutation analysis of the <i>BRCA2</i> gene in 49 site-specific breast cancer families," <i>Nature Genetics</i> 13:120-122 (1996)					
Saiki et al., "A Novel Method for the Detection of Polymorphic Restriction Sites by Cleavage of Oligonucleotide Probes: Application to Sickle-Cell Aftemia," Bio/Technology 3:1008-1012 (1985) Schubert et al., "BRCA2 in American Families With Four or More Cases of Breast or Ovarian Cancer: Recurrent and Novel Mutations, Variable Expression, Penetrance, and the Possibility of Families Whose Cancer is Not Attributable to BRCA1 or BRCA2," Am. J. Hum. Genet. 60:1031-1040 (1997) Sharan et al., "Embryonic lethality and radiation hypersensitivity mediated by Rad51 in mice lacking BRCA2," Nature 386:804-810 (1997) Tavtigian et al., "The complete BRCA2 gene and mutations in chromosome 13q-linked kindreds," Nature Genetics 12:333-337 (1996) Teng et al., "Low incidence of BRCA2 mutations in breast carcinoma and other cancers," Nature Genetic 13:241-244 (1996) Thompson et al., "Decreased expression of BRCA1 accelerates growth and is often present during sporabreast cancer progression," Nature Genetics 9:444-449 (1995) Wooster et al., "Identification of the breast cancer susceptibility gene BRCA2," Nature 378:789-792 (1994) Wooster et al., "Localization of a Breast Cancer Susceptibility Gene, BRCA2, to Chromosome 13q12-13 Science 265:2088-2090 (1994) Zhang et al., "BRCA1, BRCA2, and DNA Damage Response: Collision or Collusion?," Cell 92:433-436 (1998)	1 . 1	METER	Robinson-Benion, C. and Holt, J., "[23] Antisense Techniques," Methods in Enzymology 254:363-375 (1995)					
Oligonucleotide Probes: Application to Sickle-Cell Afhemia," Bio/Technology 3:1008-1012 (1985) Schubert et al., "BRCA2 in American Families With Four or More Cases of Breast or Ovarian Cancer: Recurrent and Novel Mutations, Variable Expression, Penetrance, and the Possibility of Families Whose Cancer is Not Attributable to BRCA1 or BRCA2," Am. J. Hum. Genet. 60:1031-1040 (1997) Sharan et al., "Embryonic lethality and radiation hypersensitivity mediated by Rad51 in mice lacking BRCA2," Nature 386:804-810 (1997) Tavtigian et al., "The complete BRCA2 gene and mutations in chromosome 13q-linked kindreds," Nature Genetics 12:333-337 (1996) Teng et al., "Low incidence of BRCA2 mutations in breast carcinoma and other cancers," Nature Genetics 13:241-244 (1996) Thompson et al., "Decreased expression of BRCA1 accelerates growth and is often present during spora breast cancer progression," Nature Genetics 9:444-449 (1995) Wooster et al., "Identification of the breast cancer susceptibility gene BRCA2," Nature 378:789-792 (1998) Wooster et al., "Localization of a Breast Cancer Susceptibility Gene, BRCA2, to Chromosome 13q12-13 Science 265:2088-2090 (1994) Zhang et al., "BRCA1, BRCA2, and DNA Damage Response: Collision or Collusion?," Cell 92:433-436 (1998)	TRADE		Rowell et al., "Invited Editorial: Inherited Predisposition to Breast and Ovarian Cancer," Am. J. Hum. Genet 55:861-865 (1994)					
Recurrent and Novel Mutations, Variable Expression, Penetrance, and the Possibility of Families Whose Cancer is Not Attributable to BRCA1 or BRCA2," Am. J. Hum. Genet. 60:1031-1040 (1997) Sharan et al., "Embryonic lethality and radiation hypersensitivity mediated by Rad51 in mice lacking BRCA2," Nature 386:804-810 (1997) Tavtigian et al., "The complete BRCA2 gene and mutations in chromosome 13q-linked kindreds," Nature Genetics 12:333-337 (1996) Teng et al., "Low incidence of BRCA2 mutations in breast carcinoma and other cancers," Nature Genetic 13:241-244 (1996) Thompson et al., "Decreased expression of BRCA1 accelerates growth and is often present during sport breast cancer progression," Nature Genetics 9:444-449 (1995) Wooster et al., "Identification of the breast cancer susceptibility gene BRCA2," Nature 378:789-792 (199) Wooster et al., "Localization of a Breast Cancer Susceptibility Gene, BRCA2, to Chromosome 13q12-13 Science 265:2088-2090 (1994) Zhang et al., "BRCA1, BRCA2, and DNA Damage Response: Collision or Collusion?," Cell 92:433-436 (1998)		Rang-mig						
Tavtigian et al., "The complete BRCA2 gene and mutations in chromosome 13q-linked kindreds," Nature Genetics 12:333-337 (1996) Teng et al., "Low incidence of BRCA2 mutations in breast carcinoma and other cancers," Nature Genetics 13:241-244 (1996) Thompson et al., "Decreased expression of BRCA1 accelerates growth and is often present during spore breast cancer progression," Nature Genetics 9:444-449 (1995) Wooster et al., "Identification of the breast cancer susceptibility gene BRCA2," Nature 378:789-792 (199) Wooster et al., "Localization of a Breast Cancer Susceptibility Gene, BRCA2, to Chromosome 13q12-13 Science 265:2088-2090 (1994) Zhang et al., "BRCA1, BRCA2, and DNA Damage Response: Collision or Collusion?," Cell 92:433-436 (1998)			Recurrent and Novel Mutations, Variable Expression, Penetrance, and the Possibility of Families Who					
Genetics 12:333-337 (1996) Teng et al., "Low incidence of BRCA2 mutations in breast carcinoma and other cancers," Nature Genetics 13:241-244 (1996) Thompson et al., "Decreased expression of BRCA1 accelerates growth and is often present during sport breast cancer progression," Nature Genetics 9:444-449 (1995) Wooster et al., "Identification of the breast cancer susceptibility gene BRCA2," Nature 378:789-792 (199) Wooster et al., "Localization of a Breast Cancer Susceptibility Gene, BRCA2, to Chromosome 13q12-13 Science 265:2088-2090 (1994) Zhang et al., "BRCA1, BRCA2, and DNA Damage Response: Collision or Collusion?," Cell 92:433-436 (1998) EXAMINER	3	o see and see						
Thompson et al., "Decreased expression of <i>BRCA1</i> accelerates growth and is often present during spora breast cancer progression," <i>Nature Genetics</i> 9:444-449 (1995) Wooster et al., "Identification of the breast cancer susceptibility gene <i>BRCA2</i> ," <i>Nature</i> 378:789-792 (199 Wooster et al., "Localization of a Breast Cancer Susceptibility Gene, <i>BRCA2</i> , to Chromosome 13q12-13 <i>Science</i> 265:2088-2090 (1994) Zhang et al., "BRCA1, BRCA2, and DNA Damage Response: Collision or Collusion?," <i>Cell</i> 92:433-436 (1998) DATE CONSIDERED		, a:						
breast cancer progression," Nature Genetics 9:444-449 (1995) Wooster et al., "Identification of the breast cancer susceptibility gene BRCA2," Nature 378:789-792 (199 Wooster et al., "Localization of a Breast Cancer Susceptibility Gene, BRCA2, to Chromosome 13q12-13 Science 265:2088-2090 (1994) Zhang et al., "BRCA1, BRCA2, and DNA Damage Response: Collision or Collusion?," Cell 92:433-436 (1998) EXAMINER DATE CONSIDERED			Teng et al., "Low incidence of <i>BRCA2</i> mutations in breast carcinoma and other cancers," <i>Nature Genetics</i> 13:241-244 (1996)					
Wooster et al., "Localization of a Breast Cancer Susceptibility Gene, <i>BRCA2</i> , to Chromosome 13q12-13 <i>Science</i> 265:2088-2090 (1994) Zhang et al., "BRCA1, BRCA2, and DNA Damage Response: Collision or Collusion?," <i>Cell</i> 92:433-436 (1998) EXAMINER DATE CONSIDERED	Common the second		Thompson et al., "Decreased expression of <i>BRCA1</i> accelerates growth and is often present during sporadic breast cancer progression," <i>Nature Genetics</i> 9:444-449 (1995)					
Science 265:2088-2090 (1994) Zhang et al., "BRCA1, BRCA2, and DNA Damage Response: Collision or Collusion?," Cell 92:433-436 (1998) EXAMINER DATE CONSIDERED			Wooster et al., "Identification of the breast cancer susceptibility gene BRCA2," Nature 378:789-792 (199					
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